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Wireless Technologies and Applications Enable New Niagara Use Cases

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General Manager of Gateways, Routers & Modems

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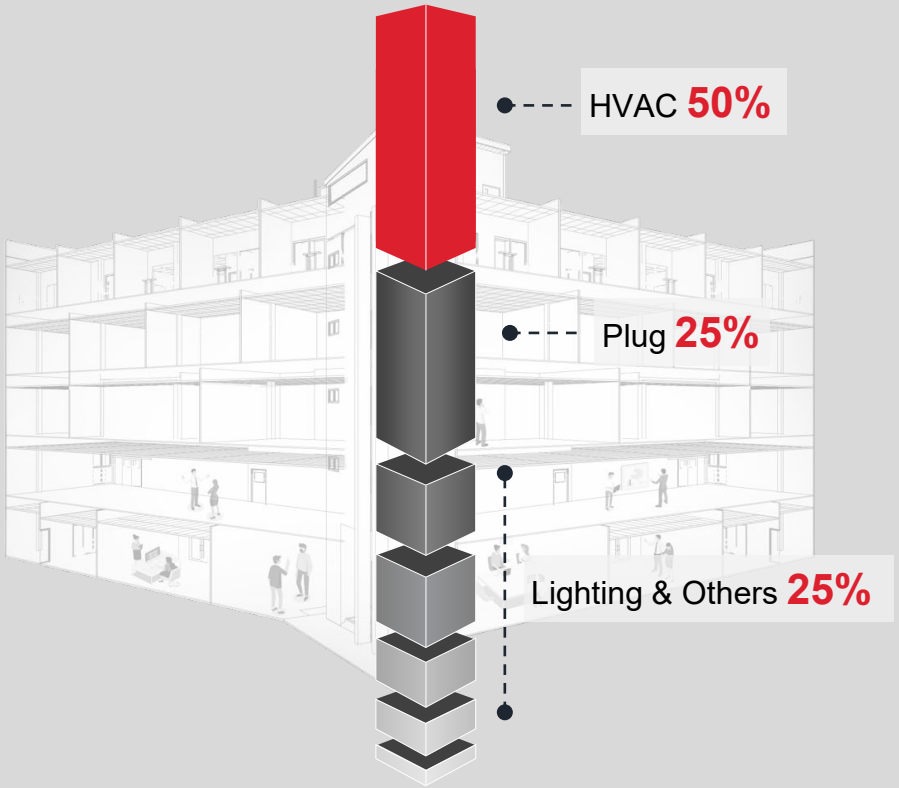
CONNECTED POWER

1. Capability to monitor and / or control plug power at an automated & granular level **does not** currently exist
2. Plug-in / Small Power can account for **>25%*** of Electrical use in Commercial Buildings
3. Standard default is to leave building outlets powered on 24/7

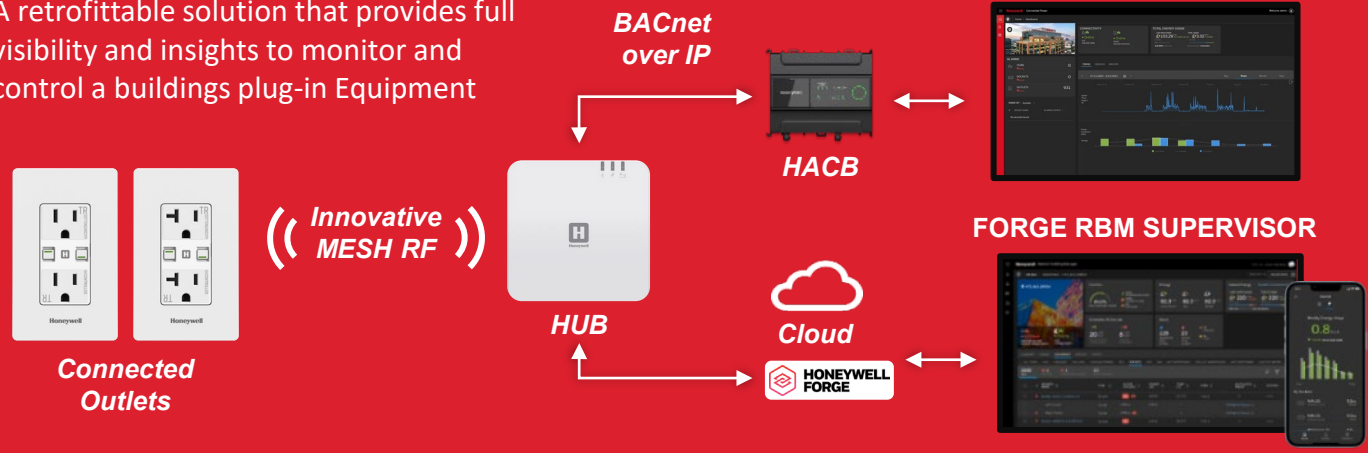


Source: Energy Star, U.S. Energy Use Intensity by Property Type, August 2021, Accessed January 16, 2022

** Poll, S. and C. Teubert 2012. Data referenced by US General Data Administration.*

SOLUTION APPROACH

A retrofittable solution that provides full visibility and insights to monitor and control a buildings plug-in Equipment



CAPABILITIES

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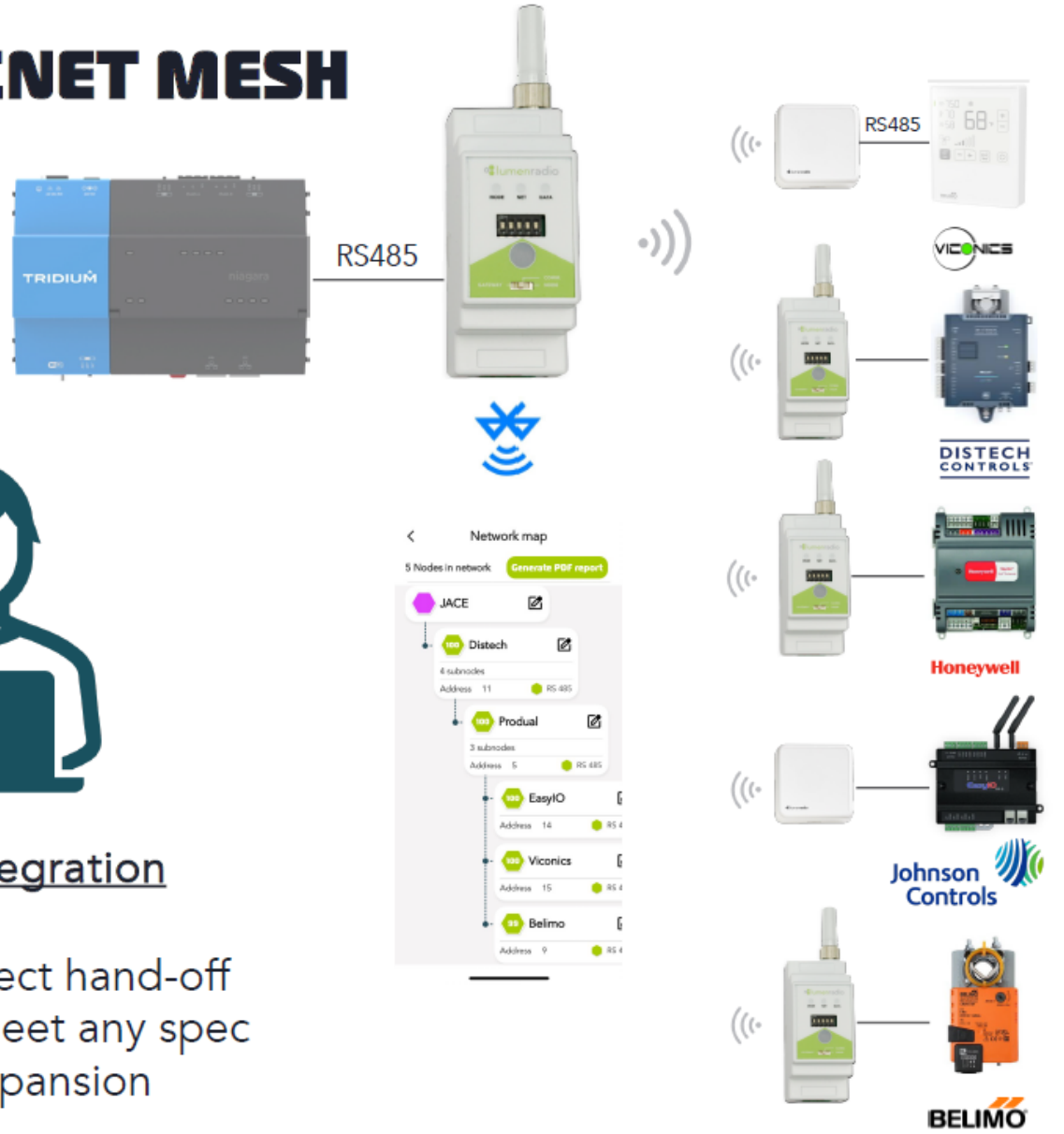
lumenradio

LUMENRADIO WIRELESS BACNET MESH

W-BACnet

Interference free & vendor-agnostic
Wireless BACnet for Building automation

Flexibility meets reliability without any programming



Installation

- ✓ Saves 70% on installation time
- ✓ Instant BUS troubleshooting
- ✓ Flexibility & Mobility

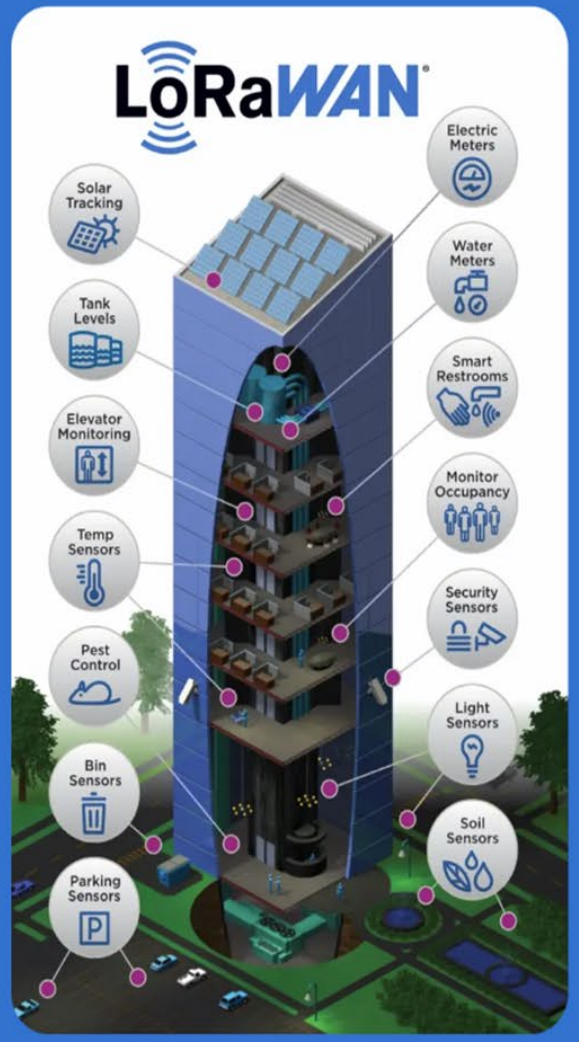
System integration

- ✓ Accelerate Project hand-off
- ✓ Lock-in free - Meet any spec
- ✓ Scalable site expansion

Transform your Building Management System

Seamlessly connect any LoRaWAN sensor to your BMS

Wireless Sensors



Conduit® AP 300 series LoRaWAN Gateway

ASHRAE BACnet™

LoRaWAN to BACnet Objects

BMS Controller

BMS Controller
Vendor Independent

Honeywell · niagara framework® · TRIDIUM · BECKHOFF · SIEMENS · Schneider Electric

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Panel Q&A

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Thank you!

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